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Dated: October 23, 2009

Signed: Jennifer C. Black

PATENT
Attorney Docket No.: 061818-5002-US04
Client Ref. No.: 98-207-5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

• NICHOLAS L. ABBOTT, *et al.*

Application No.: 10/044,899

Filed: January 9, 2002

For: OPTICAL AMPLIFICATION OF
MOLECULAR INTERACTIONS USING
LIQUID CRYSTALS

Customer No.: 43850

Confirmation Number: 3817

Examiner: Lundgren, Jeffrey S.

Technology Center/Art Unit: 1639

RESPONSE TO OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated April 23, 2009, please enter the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 19 of this paper.